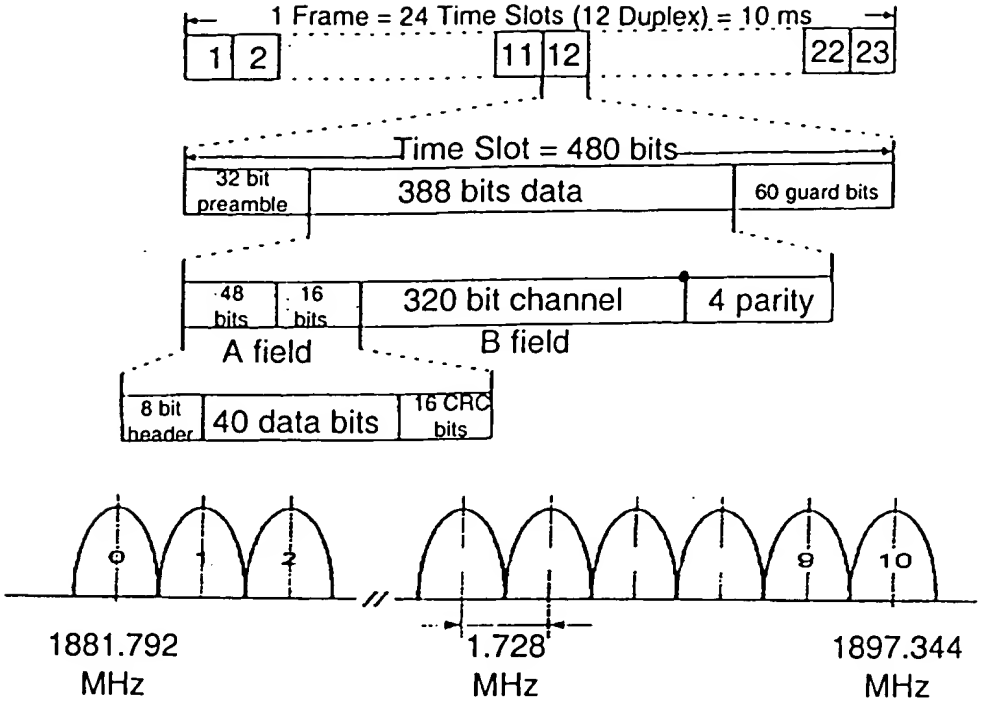


Fig. 1
(Prior Art)

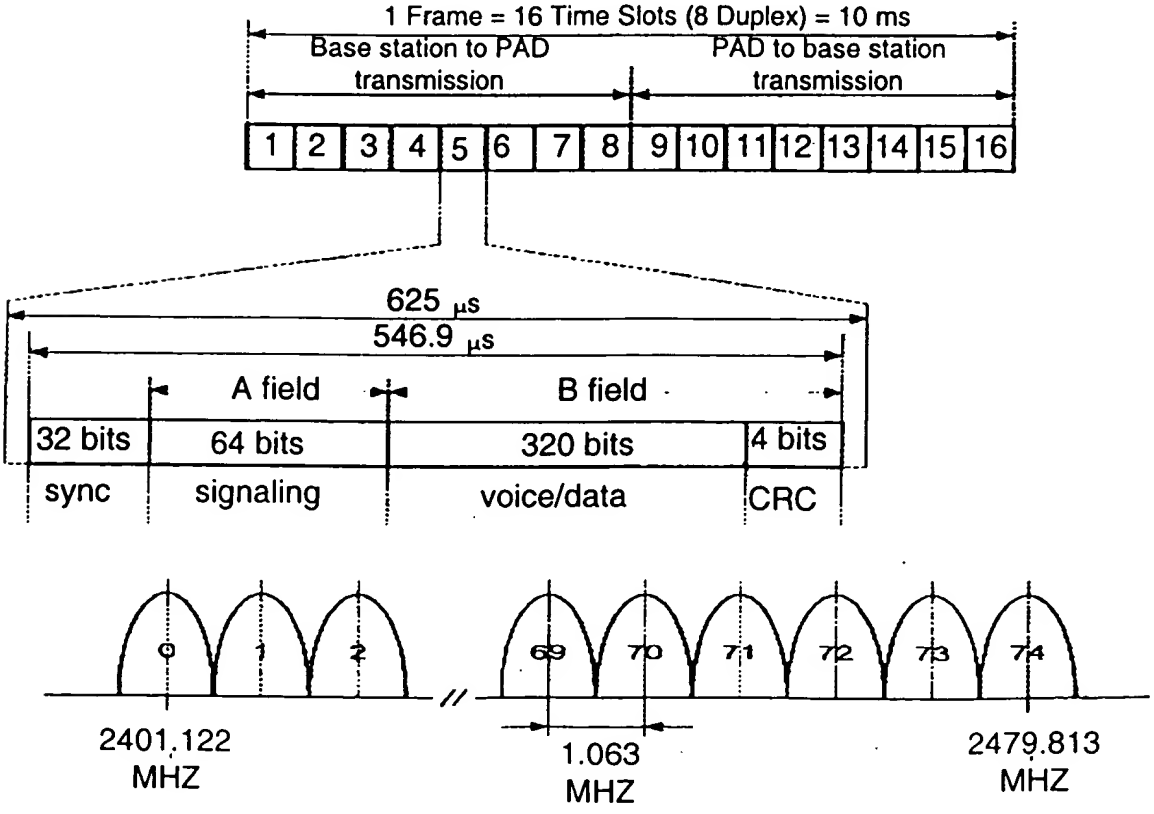


Fig. 7

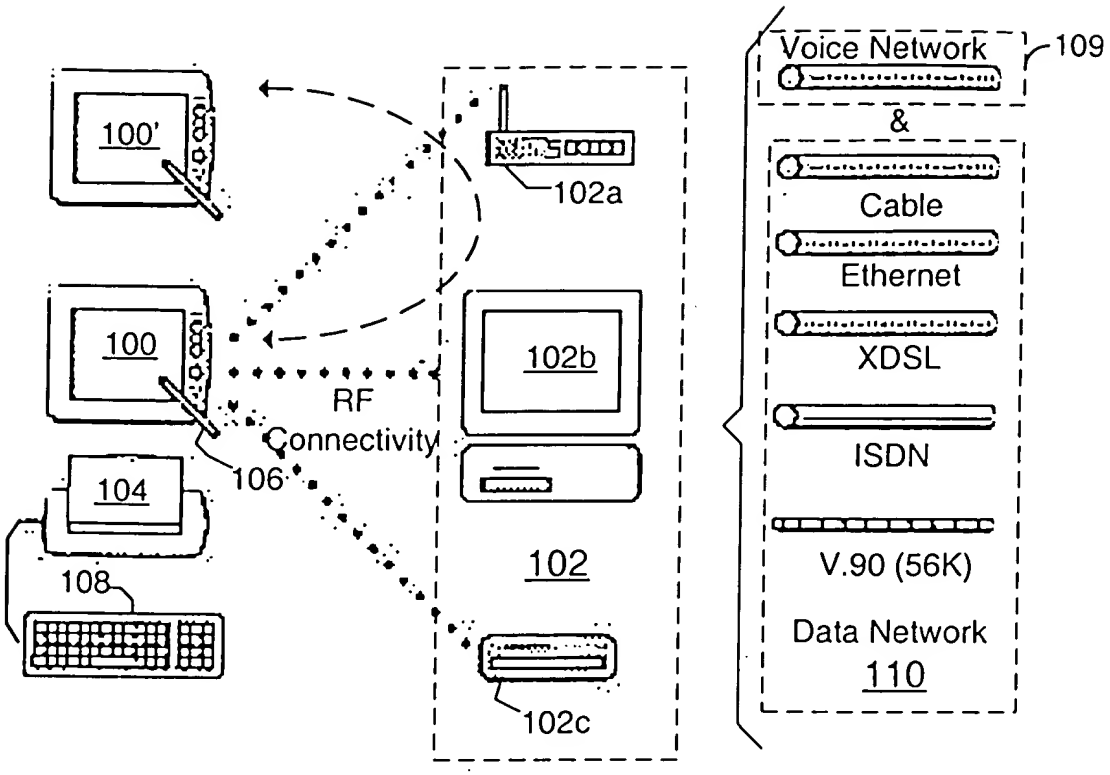

Voice Network
109
&
Cable
Ethernet
XDSL
ISDN
V.90 (56K)
Data Network
110
100'
102a
100
102b
RF
Connectivity
106
104
102
108
102c

Fig. 2

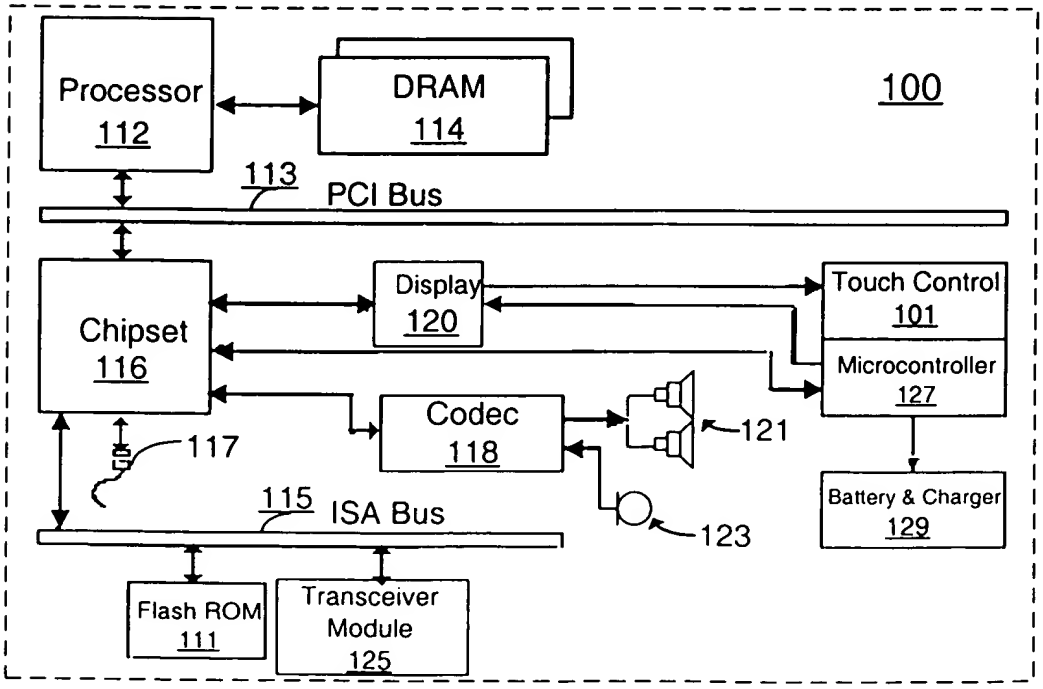

Processor
112
DRAM
114
100
113
PCI Bus
Chipset
116
Display
120
Touch Control
101
Microcontroller
127
Codec
118
121
117
115
ISA Bus
123
Battery & Charger
129
Flash ROM
111
Transceiver
Module
125

Fig. 3

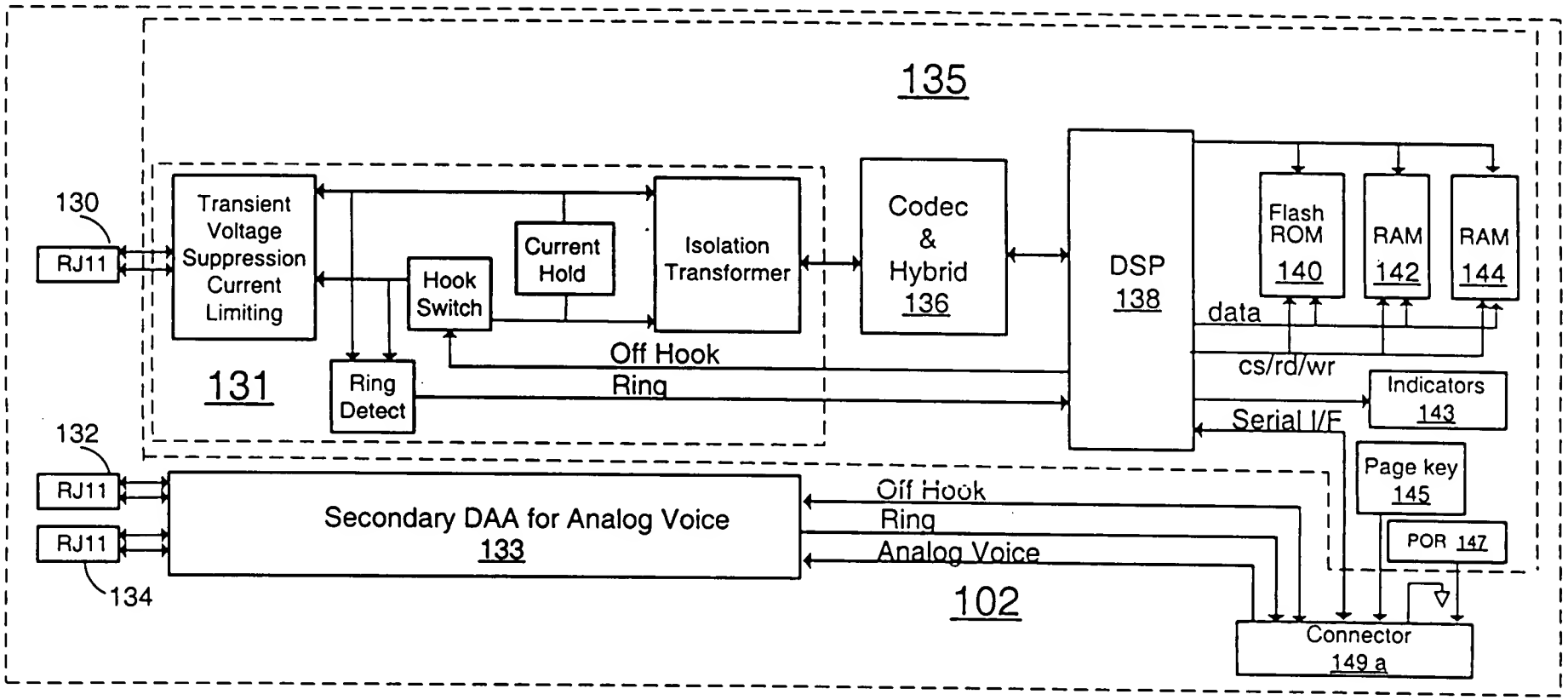

135
130
RJ11
Transient Voltage Suppression Current Limiting
131
Hook Switch
Current Hold
Ring Detect
Isolation Transformer
Codec & Hybrid 136
DSP 138
Flash ROM 140
RAM 142
RAM 144
data
cs/rd/wr
Off Hook
Ring
Indicators 143
Serial I/F
Page key 145
POR 147
132
RJ11
RJ11
134
Secondary DAA for Analog Voice 133
Off Hook
Ring
Analog Voice
102
Connector 149 a

Fig. 4

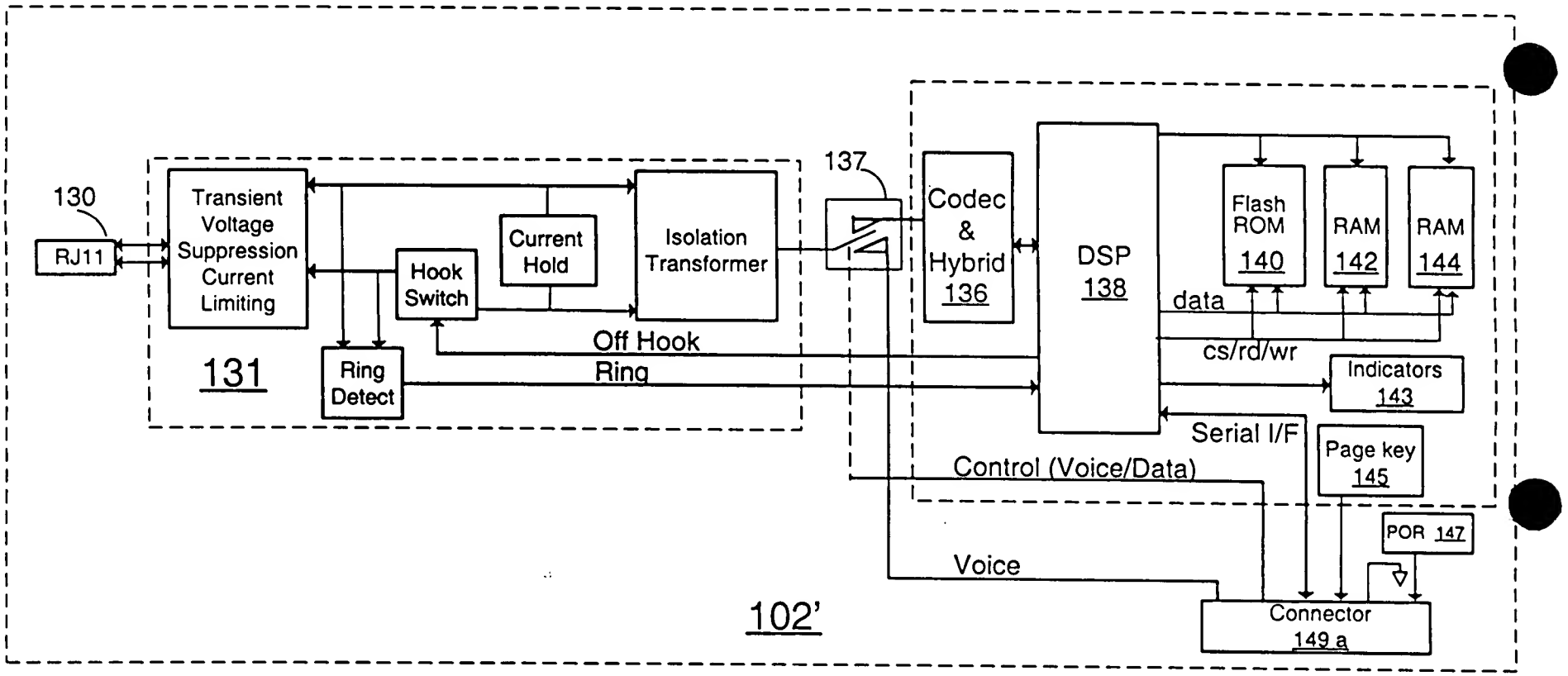
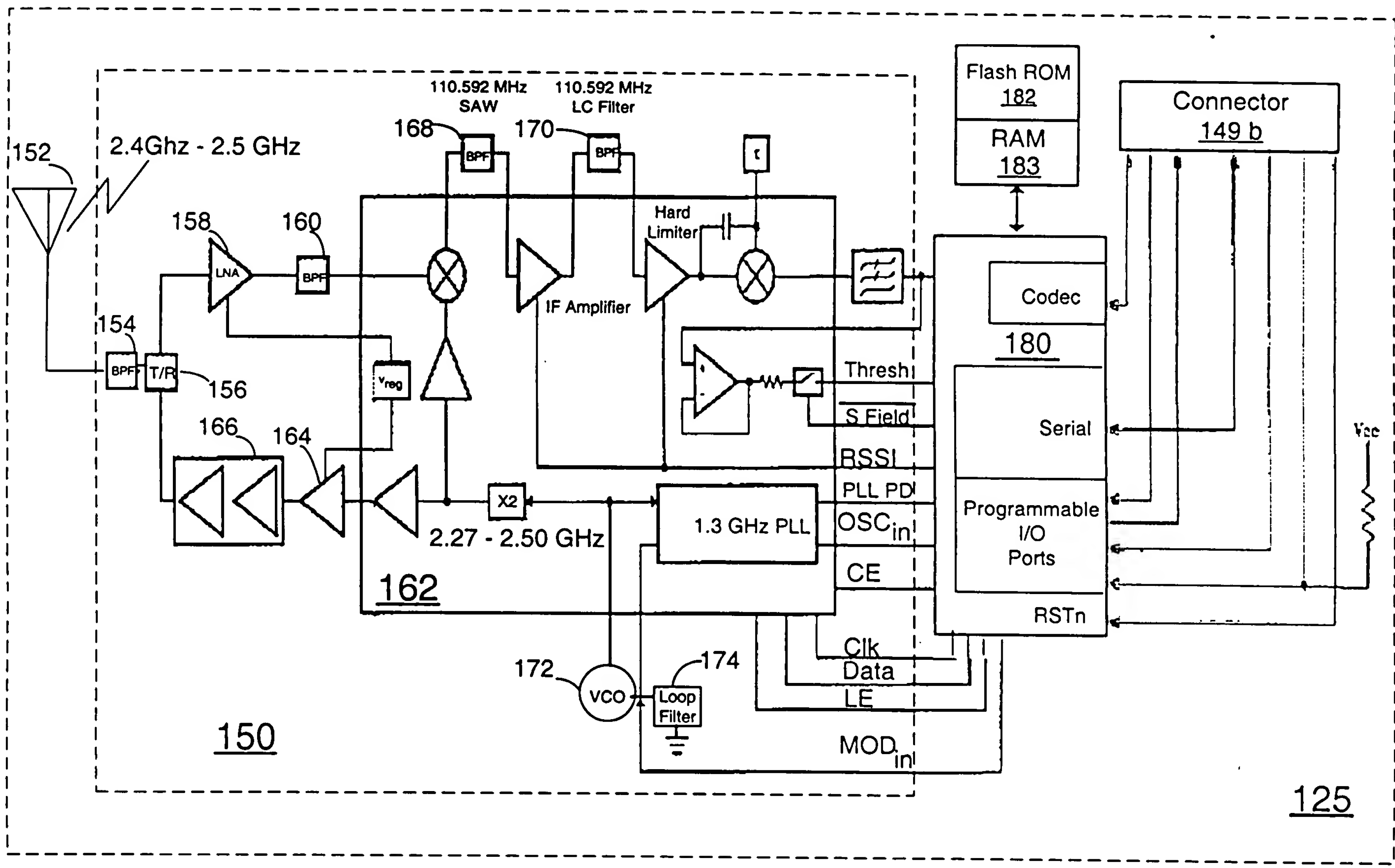
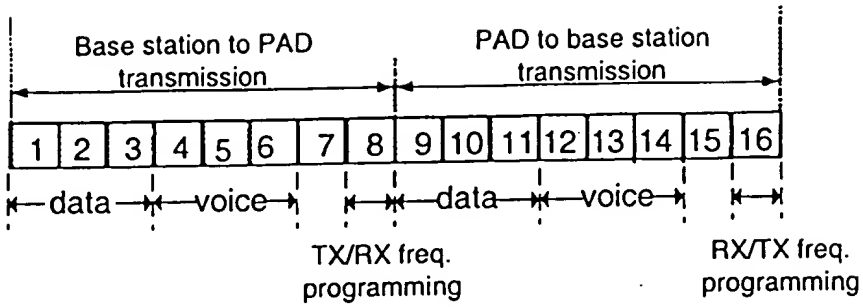

130
RJ11
Transient Voltage Suppression Current Limiting
131
Hook Switch
Current Hold
Ring Detect
Isolation Transformer
137
Codec & Hybrid 136
DSP 138
Flash ROM 140
RAM 142
RAM 144
data
cs/rd/wr
Indicators 143
Off Hook
Ring
Serial I/F
Page key 145
Control (Voice/Data)
POR 147
Voice
Connector 149 a
102'

Fig. 5



152
2.4Ghz - 2.5 GHz
154
BPF
T/R
156
158
LNA
160
BPF
166
164
Vreg
168
BPF
110.592 MHz
SAW
170
BPF
110.592 MHz
LC Filter
IF Amplifier
Hard
Limiter
X2
2.27 - 2.50 GHz
1.3 GHz PLL
162
172
VCO
174
Loop
Filter
150
Thresh
S Field
RSSI
PLL PD
OSCin
CE
Clk
Data
LE
MODin
Flash ROM
182
RAM
183
Codec
180
Serial
Programmable
I/O
Ports
RSTn
Connector
149 b
Vcc
125

Fig. 6



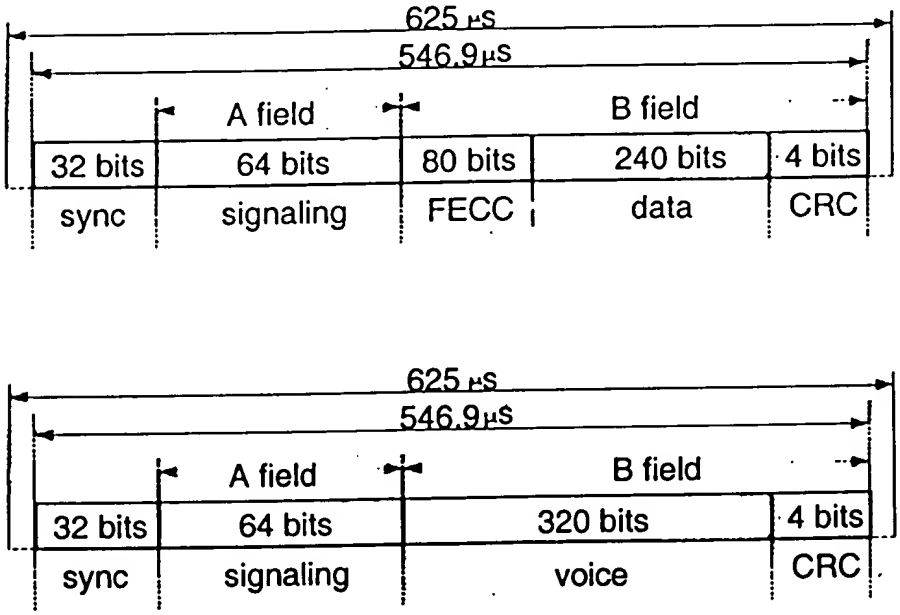


Fig. 8

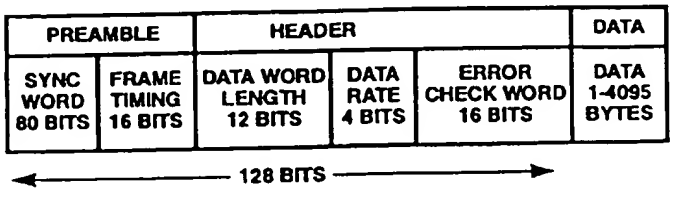


Fig. 9
(Prior Art)